

Amendments to the Specification

In the specification, on page 19, please delete the paragraph spanning lines 32-37 and substitute with the following paragraph:

Fig. 2 is a schematic illustration of relatively short non-hollow electrodes coated on the outside with a static layer of macromolecules, with the electrodes penetrating an epidermal skin layer, and with the macromolecules being driven by pulse waveforms off of the electrodes to deliver macromolecules into epidermal cells.

In the specification, on page 20, please delete the paragraph spanning lines 3-6 and substitute with the following paragraph:

Fig. 4 is a schematic illustration of relatively long non-hollow electrodes coated on the outside with a static layer of macromolecules, with the electrodes penetrating through healthy tissue into the tissue of a tumor.